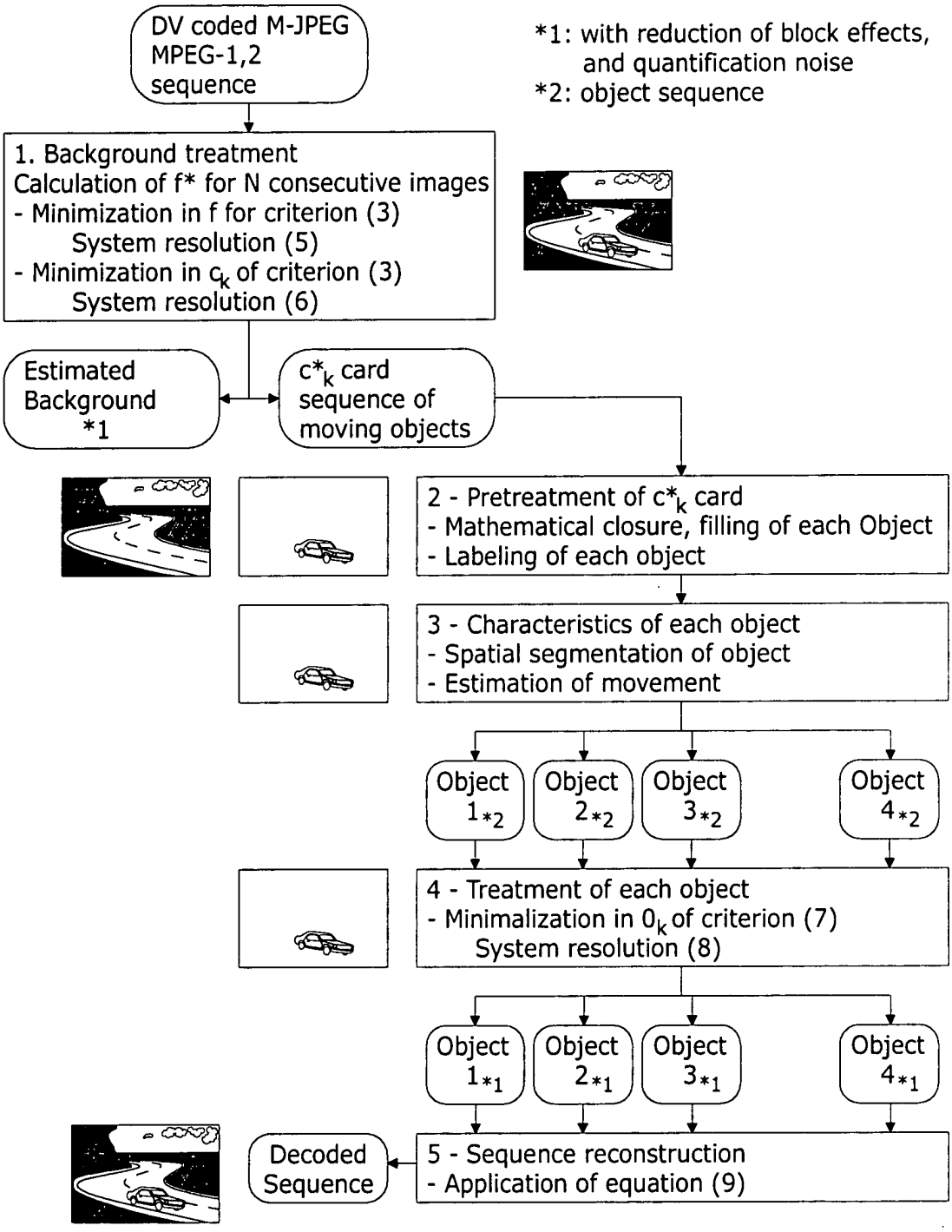
DV coded M-JPEG
MPEG-1,2
sequence
*1: with reduction of block effects,
and quantification noise
*2: object sequence
1. Background treatment
Calculation of f* for N consecutive images
- Minimization in f for criterion (3)
System resolution (5)
- Minimization in c_k of criterion (3)
System resolution (6)
Estimated
Background
*1
c^*_k card
sequence of
moving objects
2 - Pretreatment of c^*_k card
- Mathematical closure, filling of each Object
- Labeling of each object
3 - Characteristics of each object
- Spatial segmentation of object
- Estimation of movement
Object
1_{*2}
Object
2_{*2}
Object
3_{*2}
Object
4_{*2}
4 - Treatment of each object
- Minimalization in 0_k of criterion (7)
System resolution (8)
Object
1_{*1}
Object
2_{*1}
Object
3_{*1}
Object
4_{*1}
Decoded
Sequence
5 - Sequence reconstruction
- Application of equation (9)

Figure 1